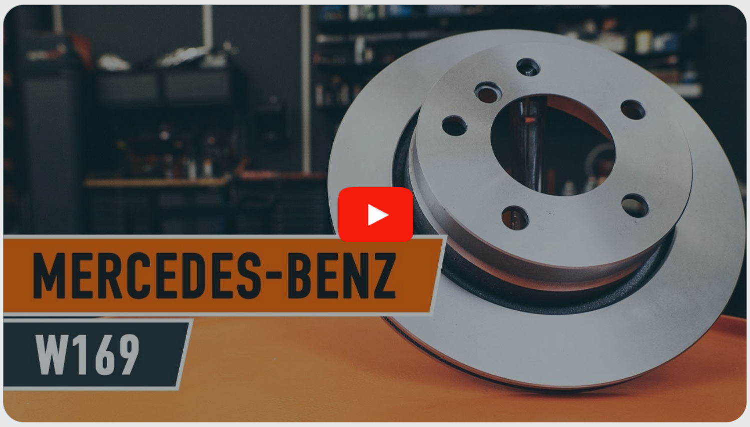
AUTODOC CLUB

How to change rear brake pads on **Mercedes W169** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
MERCEDES-BENZ A-Class (W168) A 160 (168.033, 168.133), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.308, 169.008), MERCEDES-BENZ A-Class (W168) A 190 (168.032, 168.132), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.009, 168.109), MERCEDES-BENZ A-Class (W168) A 210 (168.035, 168.135), MERCEDES-BENZ A-Class (W169) A 170 (169.032, 169.332), MERCEDES-BENZ A-Class (W169) A 200 (169.033, 169.333), MERCEDES-BENZ A-Class (W169) A 160 CDI (169.006, 169.306), MERCEDES-BENZ A-Class (W169) A 180 CDI (169.007, 169.307), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.008, 169.308), MERCEDES-BENZ B-Class (W245) B 180 CDI (245.207), MERCEDES-BENZ B-Class (W245) B 200 CDI (245.208), MERCEDES-BENZ B-Class (W245) B 170 (245.232), MERCEDES-BENZ B-Class (W245) B 200 (245.233), MERCEDES-BENZ B-Class (W245) B 200 TURBO (245.234), (+ 8)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – MERCEDES W169. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Anti-squeal paste
- Combination spanner #13
- Combination spanner #15
- Wheel impact socket #17
- Brake caliper wind back tool
- Torque wrench
- Crow bar
- Wheel chock

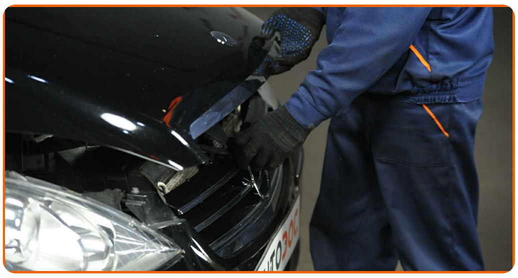
BUY TOOLS

Replacement: brake pads – Mercedes W169. AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – MERCEDES W169. RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.



AUTODOC recommends:

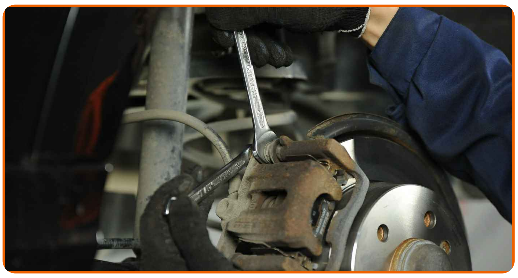
- Important! Hold the wheel while unscrewing the fastening bolts. Mercedes W169

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

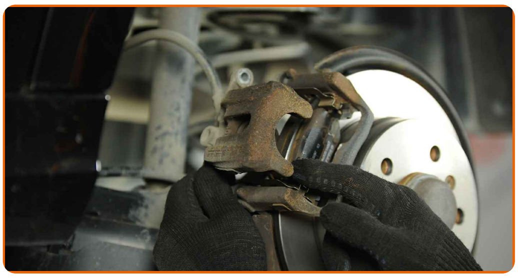
8 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



9 Spread the brake pads. Use a crowbar.



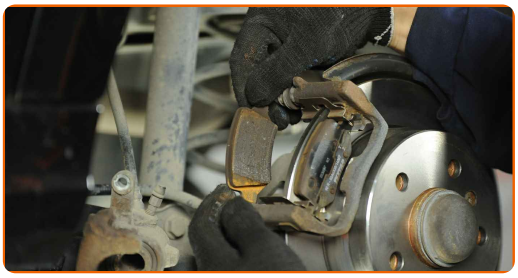
10 Remove the brake caliper.



Replacement: brake pads – Mercedes W169. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

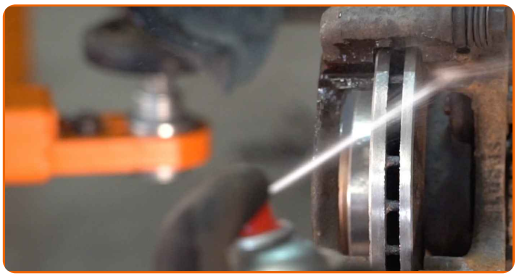
11 Remove the brake pads.



Replacement: brake pads – Mercedes W169. AUTODOC experts recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – Mercedes W169. After applying the spray, wait a few minutes.

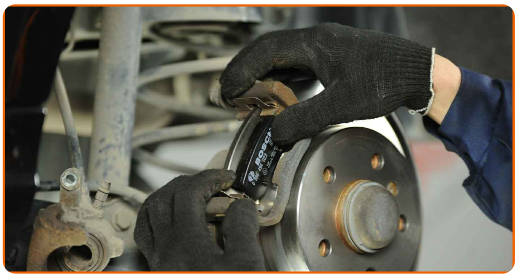
13 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – Mercedes W169. Tip:

- Make sure the disc surface is clean before installing the pads.

14 Install new brake pads.



Replacement: brake pads – Mercedes W169. AUTODOC experts recommend:

- Make sure the pads are installed with linings facing the disc.

15 Treat the brake caliper piston. Use a brake cleaner.

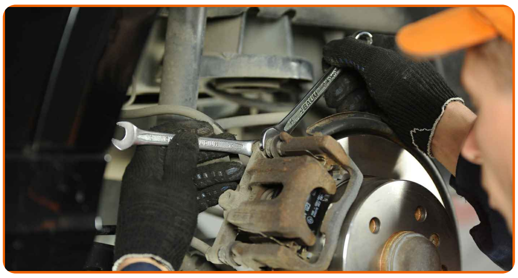
AUTODOC recommends:

- Replacement: brake pads – Mercedes W169. After applying the spray, wait a few minutes.

16 Press in the brake caliper piston. Use brake caliper wind back tool.



17 Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 35 Nm torque.



18 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



19

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – Mercedes W169. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

20

Install the wheel.



AUTODOC recommends:

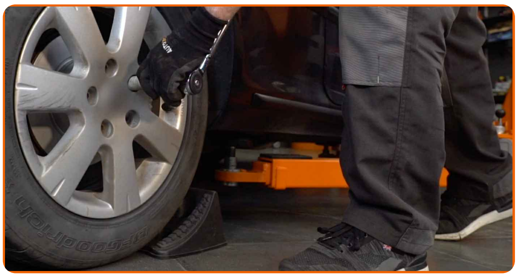
- Important! Hold the wheel while screwing in the fastening bolts. Mercedes W169

21

Screw in the wheel bolts. Use wheel impact socket #17.



22 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



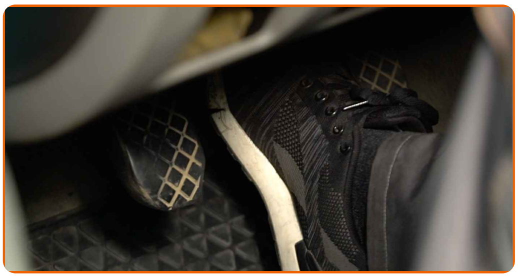
23 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – Mercedes W169. Check the brake fluid level in the reservoir and top up if necessary.

24 Tighten the brake fluid reservoir cap. Without starting the engine, press the brake pedal several times until you feel significant resistance.



25

Close the hood.



Replacement: brake pads – Mercedes W169. Tip from AUTODOC:

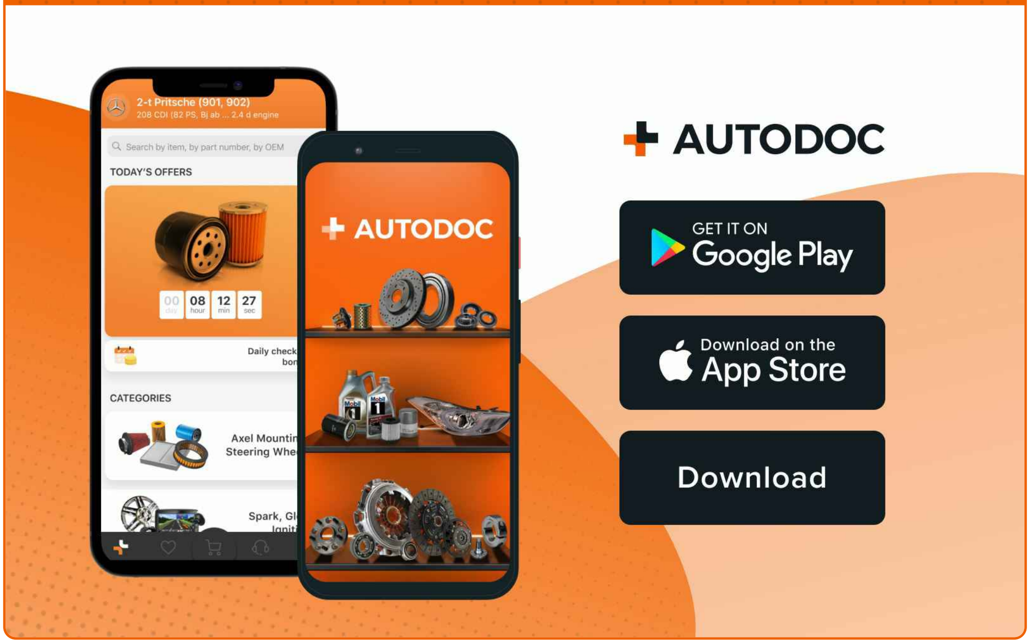
- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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